

IN THE SPECIFICATION:

Page 14, replace the paragraph starting at line 6 and ending at line 25 with the following paragraph.

The apparatus pursuant to Fig. 1 consists substantially of a housing 1 of an air-tight design[[,]] in which an exercise bicycle 2 is arranged consisting of pedals 3, a drive belt 4 and a flywheel 5 which is braked by a braking apparatus not shown in [[closer]] detail. A seat 6 is provided for the person actuating the apparatus. Moreover, a vacuum pump [[1]] is arranged in the housing, which pump discharges air from the interior of the housing 1 through an opening 8 to the outside. An opening 9 is arranged in the upper zone of the housing 1, which comprises two displaceable lid portions 10a, and 10b which are sealed off with respect to the housing 1 by means of seals 11. Sealing elements 12a, 12b are provided on the upper side of the lid portions 10a and 10b which are made up of rubber so as to sealingly enclose the waist of the person actuating the apparatus. The lid portions 10a, 10b are pushed apart in order to allow the entry into the apparatus from above. Alternatively, there can also be arranged an entrance opening on the side or the housing may be entirely arranged in two parts in order to allow a particularly simple entry into the apparatus. Thereafter, all openings are closed in order to ensure an air-tight occlusion of the inner chamber of the housing 1 from the outside environment. The sealing elements 12a, 12b should enclose the test person's waist as tightly as possible.

Thereafter a predetermined pressure below atmospheric is produced in the interior of the housing 1 by means of the vacuum pump 7.

Page 15, replace the paragraphs starting at line 14 and ending at page 16, line 2 with the following paragraph.

A stepper 2a is arranged in box 1, which stepper is actuated by the indicated test person 20. An air valve 14 and a barometric measuring device 15 for the pressure within the box are provided on the upper side of the box. A door 13 is arranged at the front side of the box 1 for entering the apparatus. The seat 6a is vertically adjustable via rotation of threaded support 6b, and the waist of a person using the apparatus is surrounded by a sealing (closure) means 12c.

The apparatus as shown in [[Fig. 4]] Figs. 4-6 comprises a housing 101 encompassing a main chamber 102 in which a seat 103 is arranged on a shifting rail 104. Furthermore, a working means in the form of a room bicycle 105 is arranged in the main chamber 102, [[said]] the room bicycle being drivable by an electromotor 106. Operating openings 111 that can be locked in an air-tight manner for instance enable to attach the legs of a person, that is handicapped in moving, from the outside to the pedals of the room bicycle 105.

Page 17, replace the paragraph starting at line 8 and ending at line 12 with the following paragraph.

In Fig. 7 a person 124 is shown, who attaches the legs of a person 115 at the working means 105 through operating openings. In particular in case of disabled people, it may prove to be especially advantageous if

the working means is provided with [[food]] foot attachments so that the feet are held at the working means.

Page 17, replace the paragraph starting at line 19 and ending at line 22 with the following paragraph.

The embodiment shown in Fig. 9 differs from that shown in Fig. 8 in that an independent vacuum pump 124a and 124b is provided for each chamber 102 and 116, [[said]] the vacuum pumps being separately driveable by the control means 125.

Page 18, replace the paragraph starting at line 3 and ending at line 20 with the following paragraph.

The apparatus shown in Fig. 10 consists of a housing 101 which encompasses a main chamber 102. A working means in the form of a room bicycle 105 is arranged within this main chamber 102. The housing 101 is arranged in such a manner that the opening 108 is located at the side of the housing so that the opening encompasses the person using the apparatus in a lying position. A lounge means 130 extends into the housing through the opening 108. The lounge means 130 can be moved to different positions within the housing via a frame 131 having a lock element arranged within the housing and extending through the opening 108 out of the housing 101 and which engages the lower side of the lounge means 130. This configuration allows an adaptation of the area of the body that is exposed to the pressure. If the lounge is placed in the leftmost position in Fig. 10, the pressure acts only on the legs and the buttock; if the lounge is placed in the rightmost position, the pressure, in

addition to acting on the legs, acts also on the abdomen and the hips.

The work-out device [[5]] 105 is supported by supporting means that allow an ergonomic adjustment to the person irrespective of the position of the lounge. Thus, the position of the lounge may be adjusted independently of the body proportions of the person using the device.